## **Table ENG-5. - Sanitary Facilities**

Giles County, Virginia

The information in this table indicates the dominant soil condition, but does not eliminate the need for onsite investigation. The numbers in the value column range from 0.01 to 1.00. The larger the value, the greater the potential limitation. Limiting features in this report are limited to the top 5 limitations. Additional limitations may exist.

Map Symbol and Soil Name	Pct of	Septic Tank Absorption Fields		Sewage Lagoons	
and con raine	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
1B: Allegheny	85	Somewhat limited Restricted permeability Flooding	0.50 0.40	Somewhat limited Slope Seepage Flooding	0.68 0.50 0.40
1C: Allegheny	95	Somewhat limited Restricted permeability Slope	0.50 0.37	Very limited Slope Seepage	1.00 0.50
2D: Berks	90	Very limited Depth to bedrock Slope	1.00 1.00	Very limited Depth to hard bedrock Slope Seepage	1.00 1.00 1.00
2F: Berks	90	Very limited Depth to bedrock Slope	1.00 1.00	Very limited Depth to hard bedrock Slope Seepage	1.00 1.00 1.00
3F: Berks	90	Very limited Depth to bedrock Slope	1.00 1.00	Very limited Depth to hard bedrock Slope Seepage	1.00 1.00 1.00
4B: Braddock	85	Somewhat limited Restricted permeability	0.50	Very limited Seepage Slope	1.00 0.68
4C: Braddock	85	Somewhat limited Restricted permeability Slope	0.50 0.37	Very limited Slope Seepage	1.00 1.00
4D: Braddock 4E:	85	Very limited Slope Restricted permeability	1.00 0.50	Very limited Slope Seepage	1.00 1.00



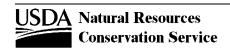
Map Symbol and Soil Name	Pct of	Septic Tank Absorption Fields		Sewage Lagoons	
	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
4E:	•				
Braddock	85	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Restricted permeability	0.50	Seepage	1.00
5C:					
Carbo	90	Very limited		Very limited	
		Restricted	1.00	Depth to hard bedrock	1.00
		permeability	4.00	Slope	1.00
		Depth to bedrock Slope	1.00 0.04	Seepage	1.00
Rock outcrop	5	Not Rated		Not Rated	
Wet spots	2	Not Rated		Not Rated	
5D:					
Carbo	90	Very limited		Very limited	
		Restricted	1.00	Depth to hard bedrock	1.00
		permeability Depth to bedrock	1.00	Slope	1.00
		Slope	1.00	Seepage	1.00
Rock outcrop	5	Not Rated		Not Rated	
6F:					
Carbo	45	Very limited		Very limited	
		Restricted	1.00	Depth to hard bedrock	1.00
		permeability	1.00	Slope	1.00
		Depth to bedrock Slope	1.00 1.00	Seepage	1.00
Rock outcrop	45	Not Rated		Not Rated	
7: Chagrin	90	Very limited		Very limited	
Chaghin	90	Flooding	1.00	Flooding	1.00
		Restricted	0.50	Seepage	0.50
		permeability	0.00	Social	0.00
Frequently flooded	5	Not Rated		Not Rated	
8:					
Chagrin variant	90	Very limited		Very limited	
		Filtering capacity	1.00	Seepage	1.00
		Flooding	0.40	Flooding	0.40
9:					



	Pct	Septic Tank Absorption Fields	3	Sewage Lagoons	
Map Symbol and Soil Name	of			1011	
	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
9:					
Chavies variant	90	Very limited	1.00	Very limited	1.00
		Depth to saturated zone	1.00	Seepage Depth to saturated	1.00
		Flooding	0.40	zone	
				Flooding	0.40
10B:					
Cotaco	85	Very limited		Very limited	
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted	0.50	Slope	0.68
		permeability		Seepage	0.50
Seep areas	5	Not Rated		Not Rated	
10C:					
Cotaco	90	Very limited		Very limited	
		Depth to saturated	1.00	Slope	1.00
		zone Restricted	0.50	Depth to saturated zone	1.00
		permeability	0.50	Seepage	0.50
		Slope	0.37	0000030	0.00
Seep areas	5	Not Rated		Not Rated	
11D:					
Faywood	90	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Restricted permeability	1.00	Slope	1.00
		Slope	1.00	Seepage	1.00
11F:					
Faywood	90	Very limited		Very limited	
•		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	1.00	Slope	1.00
		Restricted permeability	1.00	Seepage	1.00
12:					
Fluvaquents	80	Very limited		Very limited	
		Flooding	1.00	Flooding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted	0.50	Seepage	1.00
		permeability			
Ponded soils	5	Not Rated		Not Rated	
13B:					



Map Symbol and Soil Name	Septic Tank Pct Absorption Fields of			Sewage Lagoons		
a.i.a coac	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	
13B: Frederick	90	Somewhat limited Restricted permeability	0.50	Somewhat limited Slope Seepage	0.68 0.50	
13C: Frederick	90	Somewhat limited Restricted permeability Slope	0.50 0.37	Very limited Slope Seepage	1.00 0.50	
13D: Frederick	90	Very limited Slope Restricted permeability	1.00 0.50	Very limited Slope Seepage	1.00 0.50	
13E: Frederick	90	Very limited Slope Restricted permeability	1.00 0.50	Very limited Slope Seepage	1.00 0.50	
14B: Frederick	90	Somewhat limited Restricted permeability	0.50	Somewhat limited Slope Seepage	0.68 0.50	
14C: Frederick	90	Somewhat limited Restricted permeability Slope	0.50 0.37	Very limited Slope Seepage	1.00 0.50	
14D: Frederick	90	Very limited Slope Restricted permeability	1.00 0.50	Very limited Slope Seepage	1.00 0.50	
14E: Frederick	90	Very limited Slope Restricted permeability	1.00 0.50	Very limited Slope Seepage	1.00 0.50	
15C: Frederick	90	Somewhat limited Restricted permeability Slope	0.50 0.37	Very limited Slope Seepage	1.00 0.50	



Map Symbol and Soil Name	Pct of	Septic Tank Absorption Fields		Sewage Lagoons	
and don Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
15D: Frederick	90	Very limited Slope Restricted permeability	1.00 0.50	Very limited Slope Seepage	1.00 0.50
15E: Frederick	90	Very limited Slope Restricted permeability	1.00 0.50	Very limited Slope Seepage	1.00 0.50
16D: Frederick	70	Very limited Slope Restricted permeability	1.00 0.50	Very limited Slope Seepage	1.00 0.50
Rock outcrop	20	Not Rated		Not Rated	
16F: Frederick	70	Very limited Slope Restricted permeability	1.00 0.50	Very limited Slope Seepage	1.00 0.50
Rock outcrop	20	Not Rated		Not Rated	
17C: Gilpin	90	Very limited Depth to bedrock Restricted permeability Slope	1.00 0.50 0.37	Very limited Depth to soft bedrock Slope Seepage	1.00 1.00 0.50
17D: Gilpin	90	Very limited Depth to bedrock Slope Restricted permeability	1.00 1.00 0.50	Very limited Depth to soft bedrock Slope Seepage	1.00 1.00 0.50
17F: Gilpin	90	Very limited Depth to bedrock Slope Restricted permeability	1.00 1.00 0.50	Very limited Depth to soft bedrock Slope Seepage	1.00 1.00 0.50
18D:					



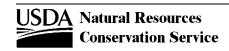
Map Symbol and Soil Name	Pct of	Septic Tank Absorption Fields		Sewage Lagoons	
and don Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
18D: Gilpin	90	Very limited Depth to bedrock Slope Restricted permeability	1.00 1.00 0.50	Very limited Depth to soft bedrock Slope Seepage	1.00 1.00 0.50
18F:					
Gilpin	90	Very limited Depth to bedrock Slope Restricted permeability	1.00 1.00 0.50	Very limited Depth to soft bedrock Slope Seepage	1.00 1.00 0.50
19C:					
Jefferson	90	Somewhat limited Slope	0.04	Very limited Seepage Slope	1.00 1.00
20C:					
Jefferson	90	Not limited		Very limited Seepage Slope	1.00 1.00
20E: Jefferson	90	Very limited Slope	1.00	Very limited Slope Seepage	1.00 1.00
21C: Jefferson	90	Not limited		Very limited Seepage Slope	1.00 1.00
21E: Jefferson	90	Very limited Slope	1.00	Very limited Slope Seepage	1.00 1.00
21F: Jefferson	90	Very limited Slope	1.00	Very limited Slope Seepage	1.00 1.00
22D: Jefferson variant	60	Very limited Slope	1.00	Very limited Slope Seepage	1.00 1.00



Map Symbol and Soil Name	Pct of	Septic Tank Absorption Fields		Sewage Lagoons		
and 3011 Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	
22D:						
Drall	30	Very limited		Very limited		
		Slope	1.00	Slope	1.00	
		Filtering capacity Depth to bedrock	1.00 0.89	Seepage Content of large stones	1.00 1.00	
22F:						
Jefferson variant	60	Very limited		Very limited		
		Slope	1.00	Slope	1.00	
				Seepage	1.00	
Drall	30	Very limited		Very limited		
		Slope	1.00	Slope	1.00	
		Filtering capacity Depth to bedrock	1.00 0.89	Seepage Content of large stones	1.00 1.00	
23F:						
Lehew	60	Very limited		Very limited		
		Depth to bedrock	1.00	Depth to hard bedrock	1.00	
		Slope	1.00	Slope	1.00	
		Filtering capacity	1.00	Seepage	1.00	
Wallen	30	Very limited		Very limited		
		Depth to bedrock	1.00	Depth to hard bedrock	1.00	
		Slope	1.00	Slope Seepage	1.00 1.00	
24C:						
Lily	85	Very limited		Very limited		
,		Depth to bedrock	1.00	Depth to hard bedrock	1.00	
				Seepage	1.00	
				Slope	1.00	
24D:						
Lily	85	Very limited		Very limited		
		Depth to bedrock	1.00	Depth to hard bedrock	1.00	
		Slope	1.00	Slope Seepage	1.00 1.00	
25F:				9-		
Lily	85	Very limited		Very limited		
<b>-</b> " y	00	Depth to bedrock	1.00	Depth to hard bedrock	1.00	
		Slope	1.00	Slope	1.00	
		7F-		Seepage	1.00	
26F:						



Map Symbol and Soil Name	Pct of	Septic Tank Absorption Fields		Sewage Lagoons	
and don warne	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
26F: Lily	85	Very limited Depth to bedrock Slope	1.00 1.00	Very limited Depth to hard bedrock Slope Seepage	1.00 1.00 1.00
27C: Lily	55	Very limited Depth to bedrock Slope	1.00 0.04	Very limited Depth to hard bedrock Seepage Slope	1.00 1.00 1.00
Bailegap	35	Somewhat limited Depth to bedrock Restricted permeability Slope	0.99 0.50 0.04	Very limited Slope Depth to soft bedrock Seepage	1.00 0.96 0.50
27E:					
Lily	70	Very limited Depth to bedrock Slope	1.00 1.00	Very limited Depth to hard bedrock Slope Seepage	1.00 1.00 1.00
Bailegap	20	Very limited Slope Depth to bedrock Restricted permeability	1.00 0.99 0.50	Very limited Slope Depth to soft bedrock Seepage	1.00 0.96 0.50
27F:					
Lily	65	Very limited Depth to bedrock Slope	1.00 1.00	Very limited Depth to hard bedrock Slope Seepage	1.00 1.00 1.00
Bailegap	25	Very limited Slope Depth to bedrock Restricted permeability	1.00 0.99 0.50	Very limited Slope Depth to soft bedrock Seepage	1.00 0.96 0.50
28E: Lily	55	Very limited Depth to bedrock Slope	1.00 1.00	Very limited Depth to hard bedrock Slope Seepage	1.00 1.00 1.00



Map Symbol and Soil Name	Pct of	Septic Tank Absorption Fields		Sewage Lagoons	
and 3011 Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
28E:	•		•		
Bailegap	35	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Depth to bedrock Restricted permeability	0.99 0.50	Depth to soft bedrock Seepage	0.96 0.50
29B:					
Nolichucky	90	Somewhat limited		Somewhat limited	
		Restricted	0.50	Slope	0.68
		permeability		Seepage	0.50
29C:					
Nolichucky	90	Somewhat limited		Very limited	
		Restricted	0.50	Slope	1.00
		permeability Slope	0.37	Seepage	0.50
		5.565			
29D: Nolichucky	90	Very limited		Very limited	
Nonchacky	30	Slope	1.00	Slope	1.00
		Restricted permeability	0.50	Seepage	0.50
30C:					
Nolichucky	90	Somewhat limited		Very limited	
		Restricted permeability	0.50	Slope	1.00
		Slope	0.37	Seepage	0.50
30D:					
Nolichucky	90	Very limited		Very limited	
•		Slope	1.00	Slope	1.00
		Restricted permeability	0.50	Seepage	0.50
30F:					
Nolichucky	90	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Restricted permeability	0.50	Seepage	0.50
31C:					
Poplimento	85	Very limited		Very limited	
		Restricted permeability	1.00	Slope	1.00
		Slope	0.37		
31D:					



Map Symbol and Soil Name	Pct of	Septic Tank Absorption Fields		Sewage Lagoons	
	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
31D:					
Poplimento	85	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Restricted permeability	1.00		
31E:					
Poplimento	85	Very limited		Very limited	
		Slope	1.00	Slope	1.00
		Restricted	1.00		
		permeability			
32F:	0.5	Net Detect		Net Detect	
Rock outcrop	65	Not Rated		Not Rated	
Berks	30	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Slope	1.00	Slope	1.00
				Seepage	1.00
33D:					
Sequoia	90	Very limited		Very limited	
		Depth to bedrock	1.00	Depth to soft bedrock	1.00
		Restricted	1.00	Slope	1.00
		permeability Slope	1.00		
		0.000			
33F:					
Sequoia	90	Very limited	4.00	Very limited	4.00
		Depth to bedrock Slope	1.00 1.00	Depth to soft bedrock Slope	1.00 1.00
		Restricted	1.00	Slope	1.00
		permeability			
34:					
Slickens	90	Not Rated		Not Rated	
35B:					
Timberville variant	90	Very limited		Very limited	
		Flooding	1.00	Flooding	1.00
		Depth to saturated	1.00	Depth to saturated	1.00
		zone Restricted	0.50	zone Slope	0.68
		permeability	0.50	οιορε	0.00
Frequently flooded	3	Not Rated		Not Rated	
35C:					
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Map Symbol and Soil Name	Pct of	Septic Tank Absorption Fields		Sewage Lagoons	
	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
35C:		-			
Timberville variant	90	Very limited		Very limited	
		Flooding	1.00	Flooding	1.00
		Depth to saturated	1.00	Slope	1.00
		zone		Depth to saturated	1.00
		Restricted permeability	0.50	zone	
ZZ900:					
Water	100	Not Rated		Not Rated	